

\\HBW_MAINDATA\Patents\S's\SUN6 500-\SUN1P50...

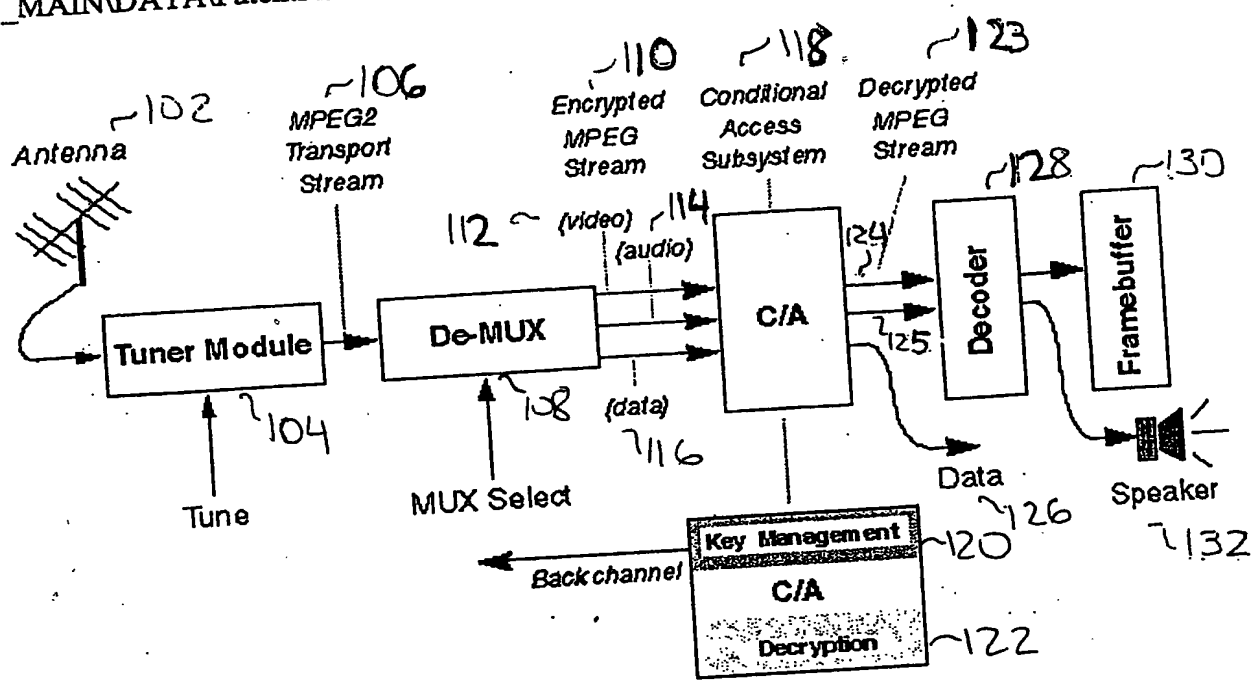


FIG. 1

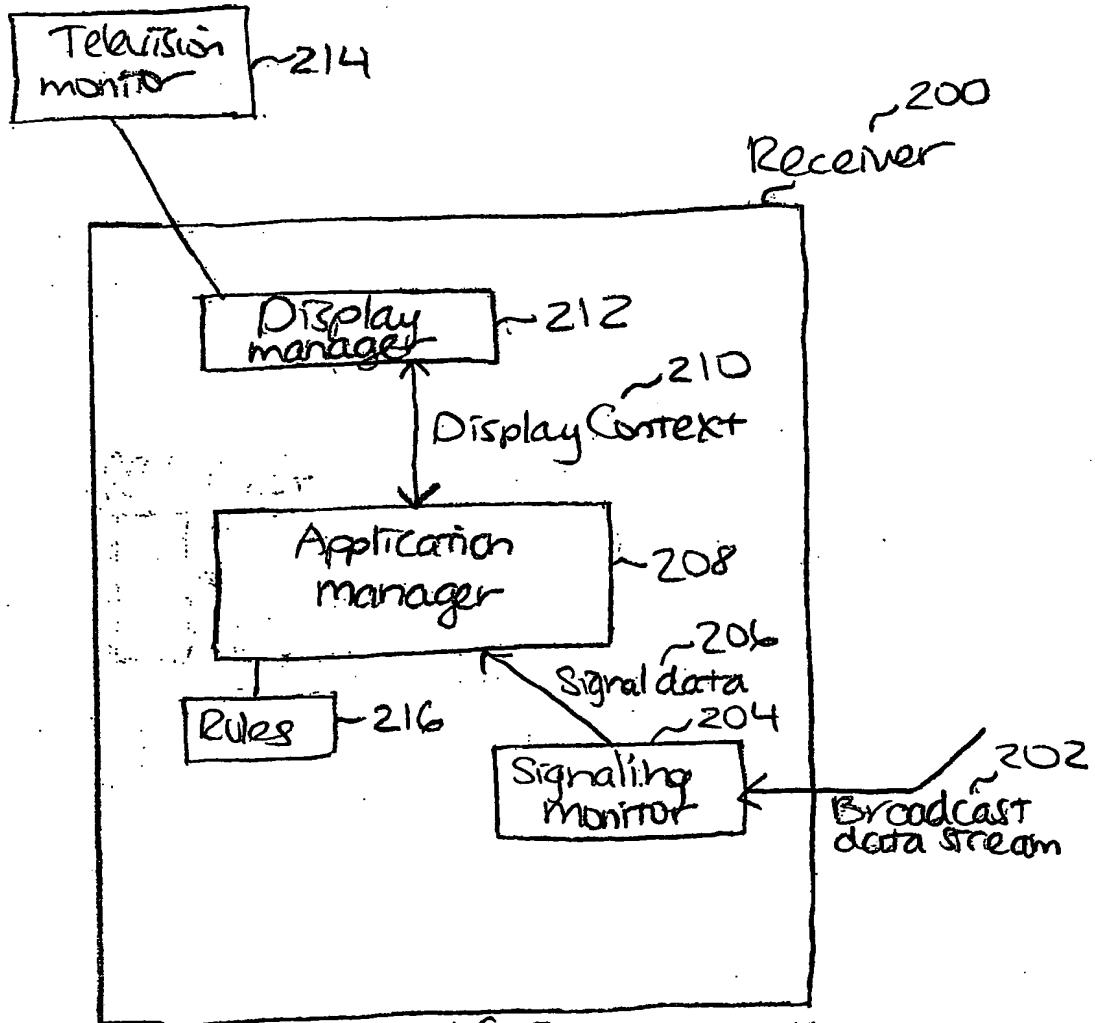


FIG. 2A

- Rules 216
- 218 ~ 1. Application manager manages one or more applications
 - 220 ~ 2. Only one application can be active at a time
 - 222 ~ 3. Only one application can be displayed at a time
 - 224 ~ 4. Only active applications are displayed

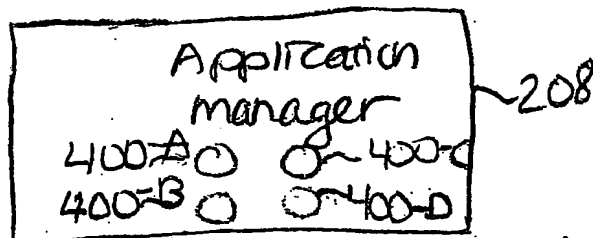
FIG. 2B



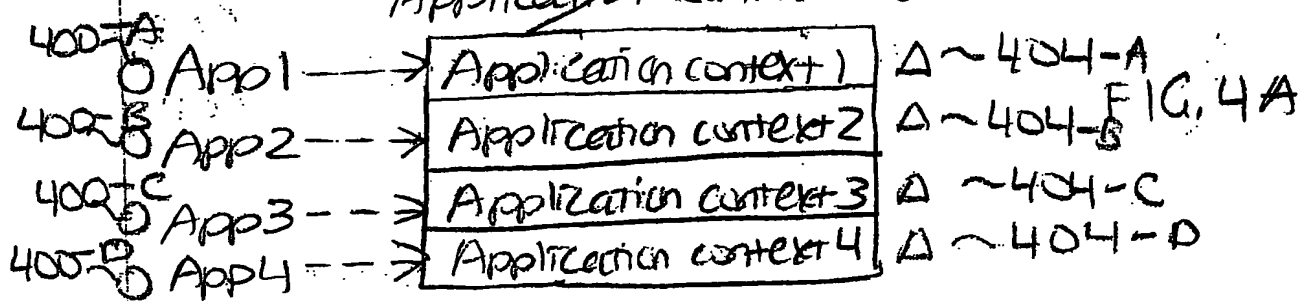
Signal Data ~302

App-present-in-data-stream: BOOLEAN ~304
Location (e.g., directory, filename) ~306
Authentication ~308
Permissions ~310

FIG. 3



Application context list ~ 402



Application Context Δ ~ 404

Class loader identifier	406
Signal data identifier	408
Display context identifier	410
Application identifier	412
Application environment Object	414
Current application state	416



FIG. 4B

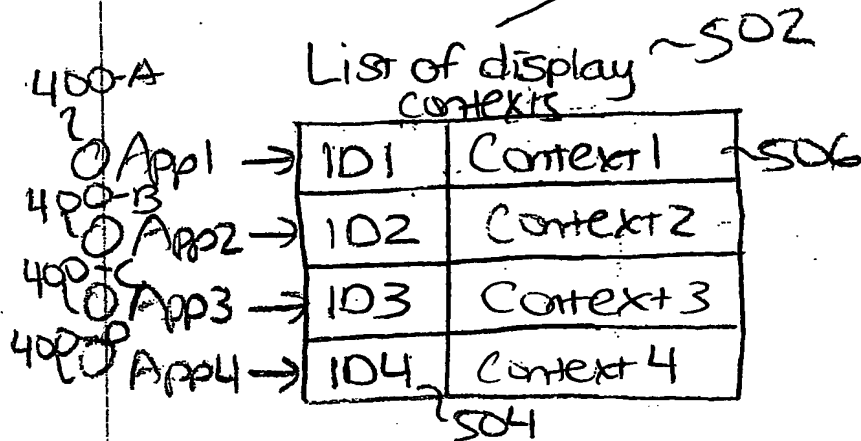


FIG. 5A

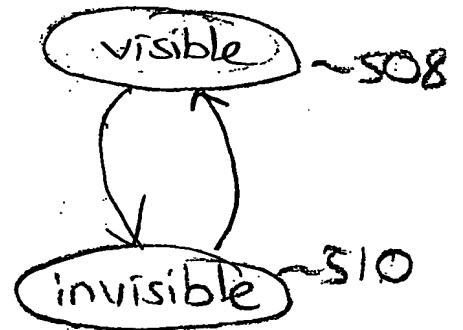


FIG. 5B

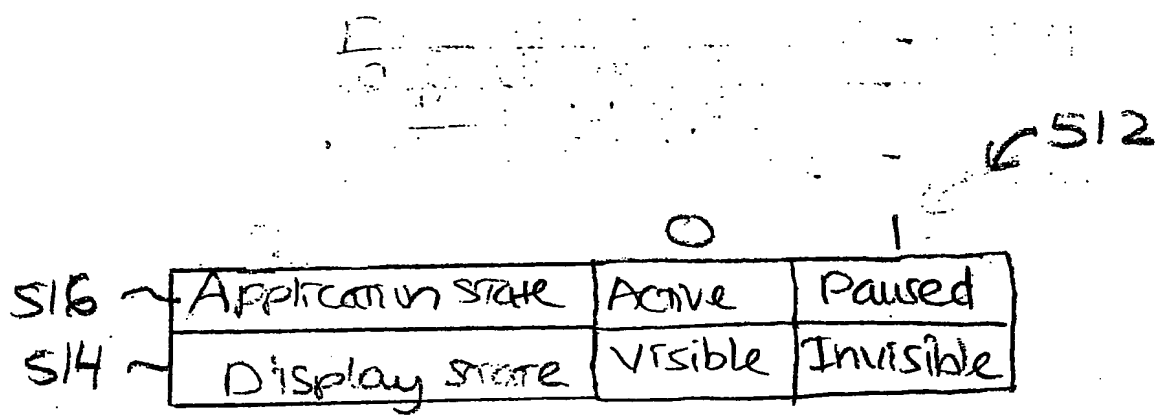


FIG. 5C

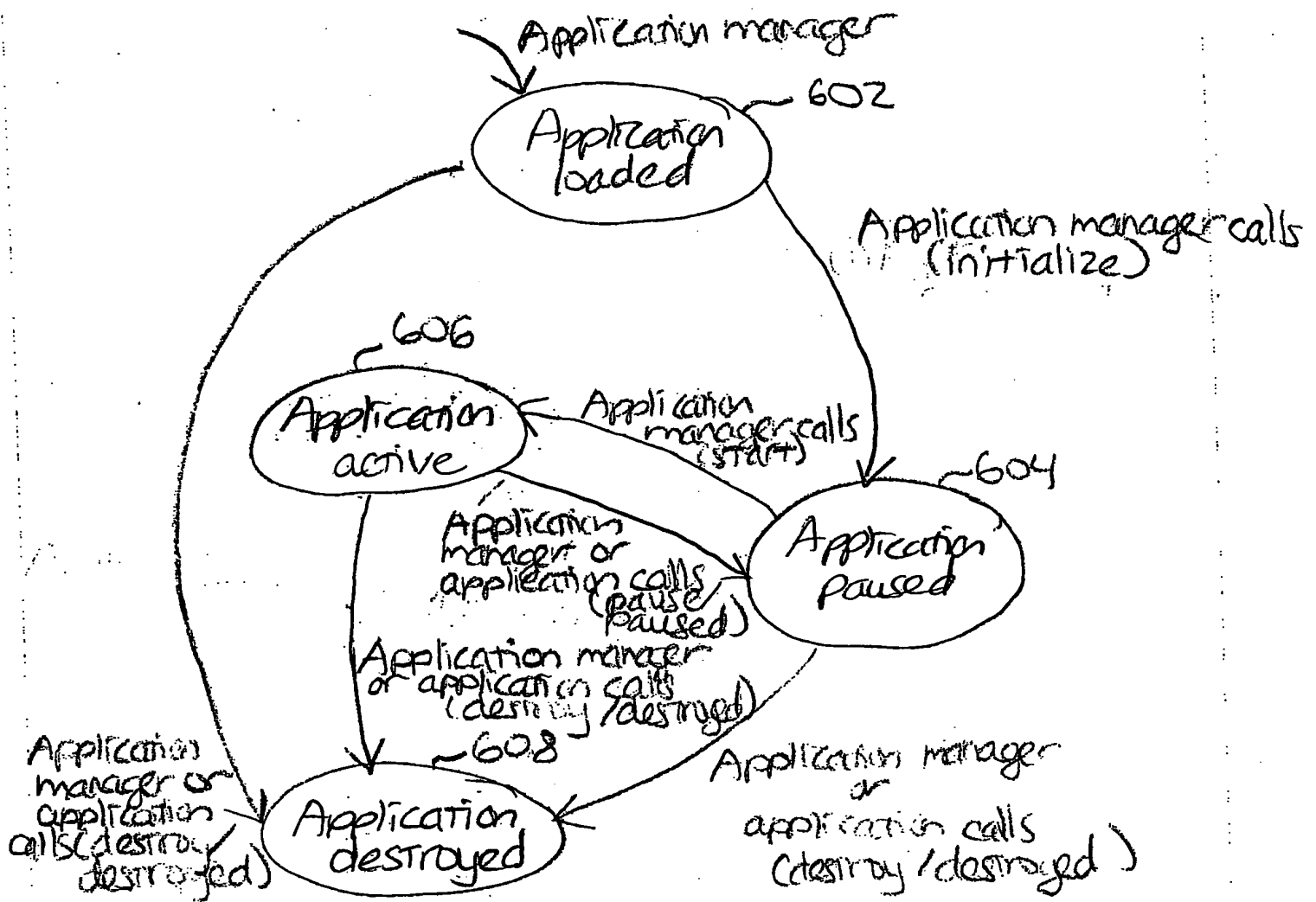


FIG. 6



Application Programming Interface (API)

~ 702

Interface application {

704 ~ public void init application (Application environment env);
708 ~ public void start application();
710 ~ public void pause application();
712 ~ public void destroy application (boolean unconditional);
}

~ 706
~ 714
to change size

FIG. 7

ApplicationEnvironmentInterface

```
~802  
Interface ApplicationEnvironment {  
804 ~ public void destroyed();  
808 ~ public java.lang.Object + getProperty(String key) ~810  
806 ~ public void paused();  
812 ~ public void resumeRequest();  
}
```

FIG. 8



Application ~902
manager

Application ~904

Call init application() → ~906

Call start application() → ~908

Call destroy application() → ~910

Call pause application() → ~912

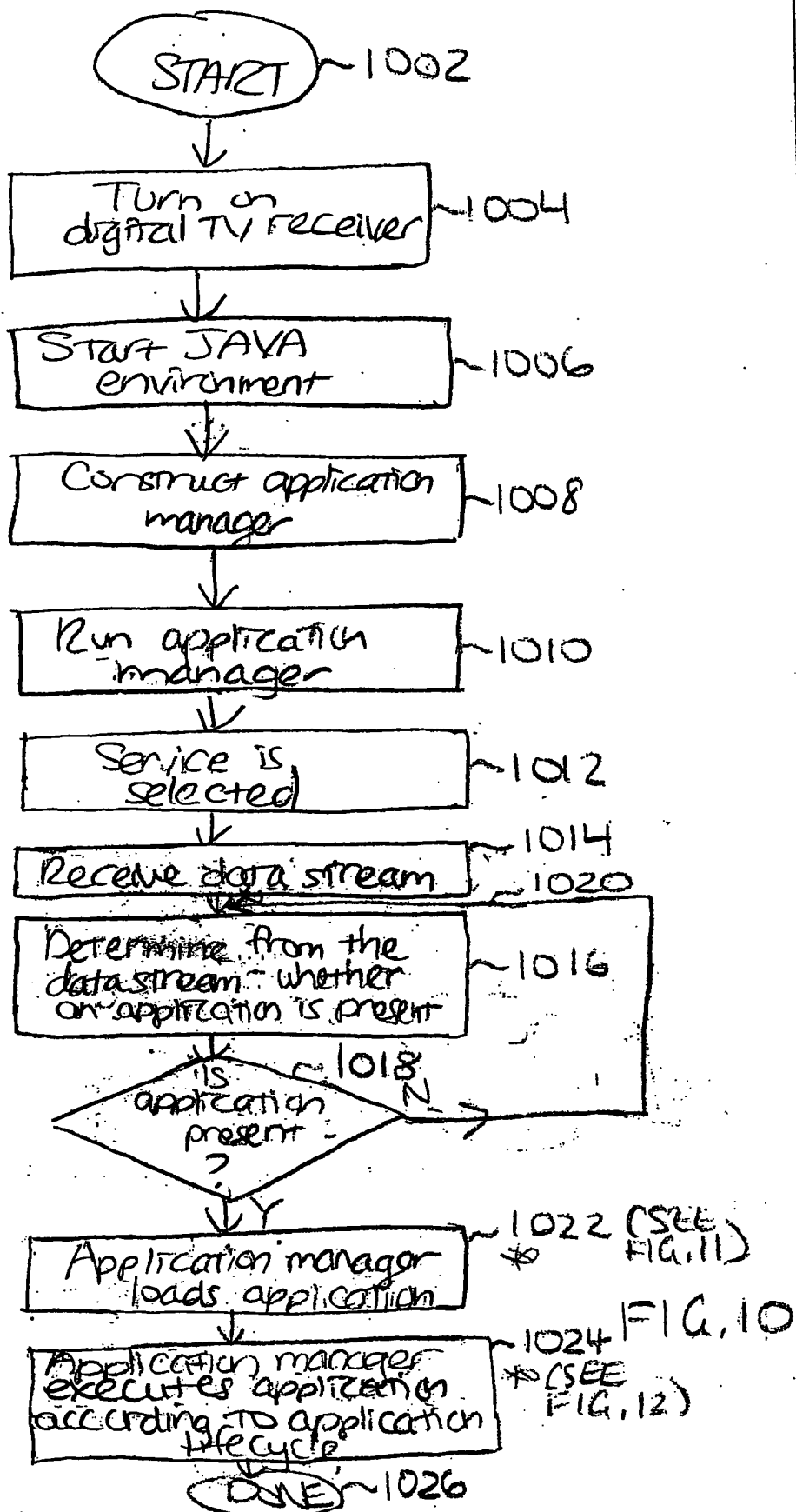
914 ~ ← Application-environment.applicationPaused()

916 ~ ← Application-environment.applicationDestroyed()

918 ~ ← Application-environment.resumeRequest()

920 ~ ← Application-environment.getProperty()

FIG. 9



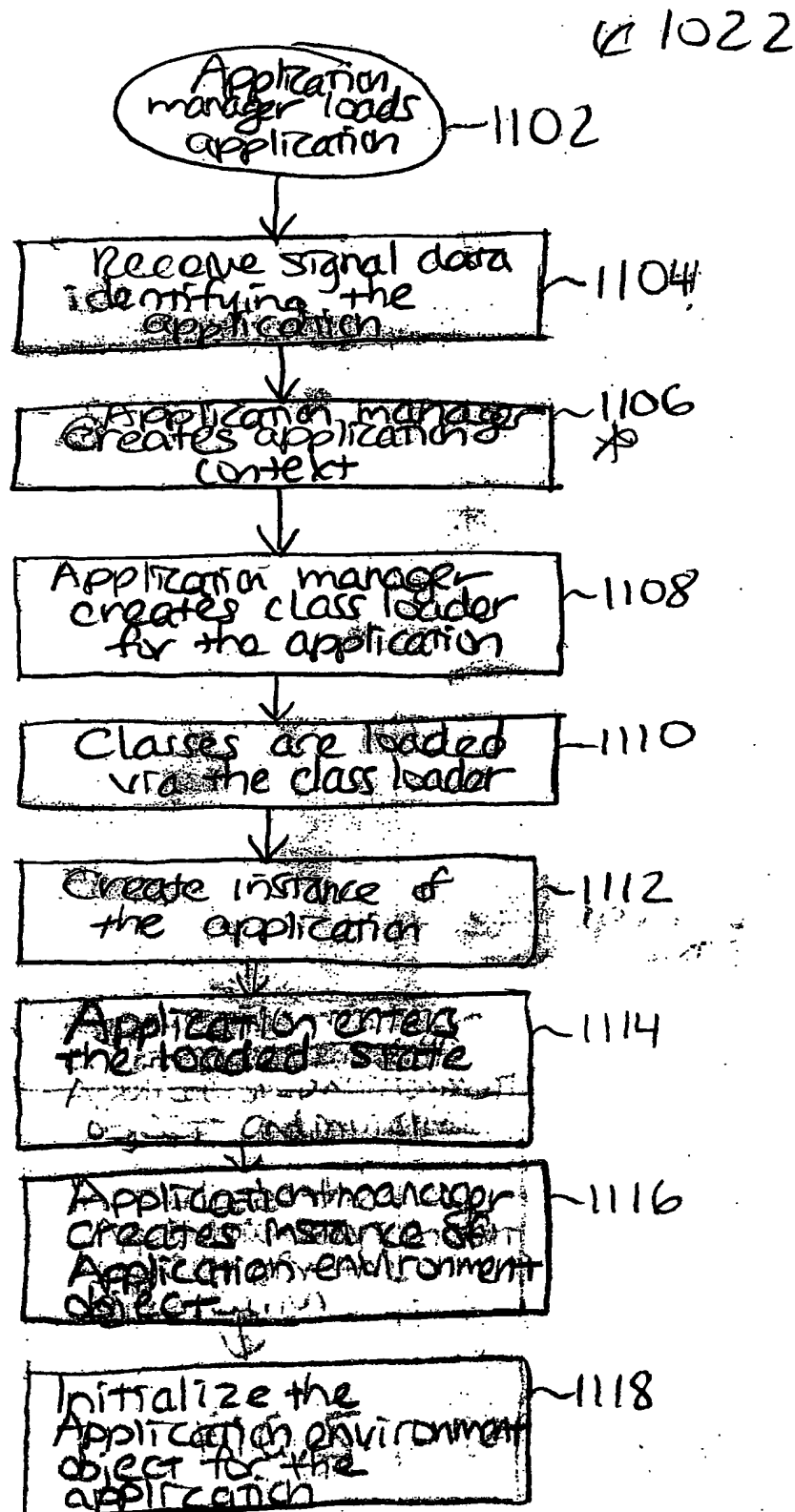


FIG. 11

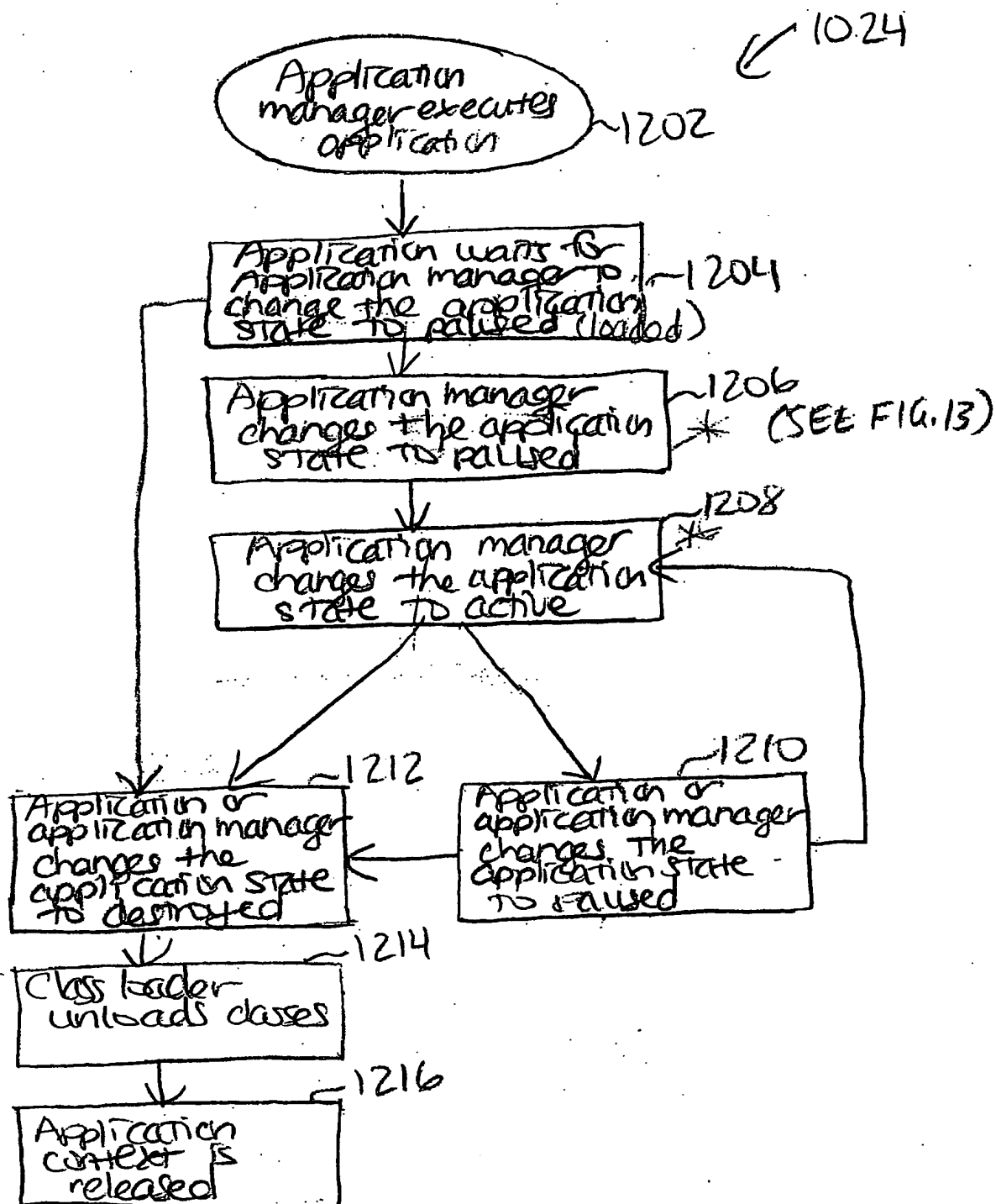


FIG. 12

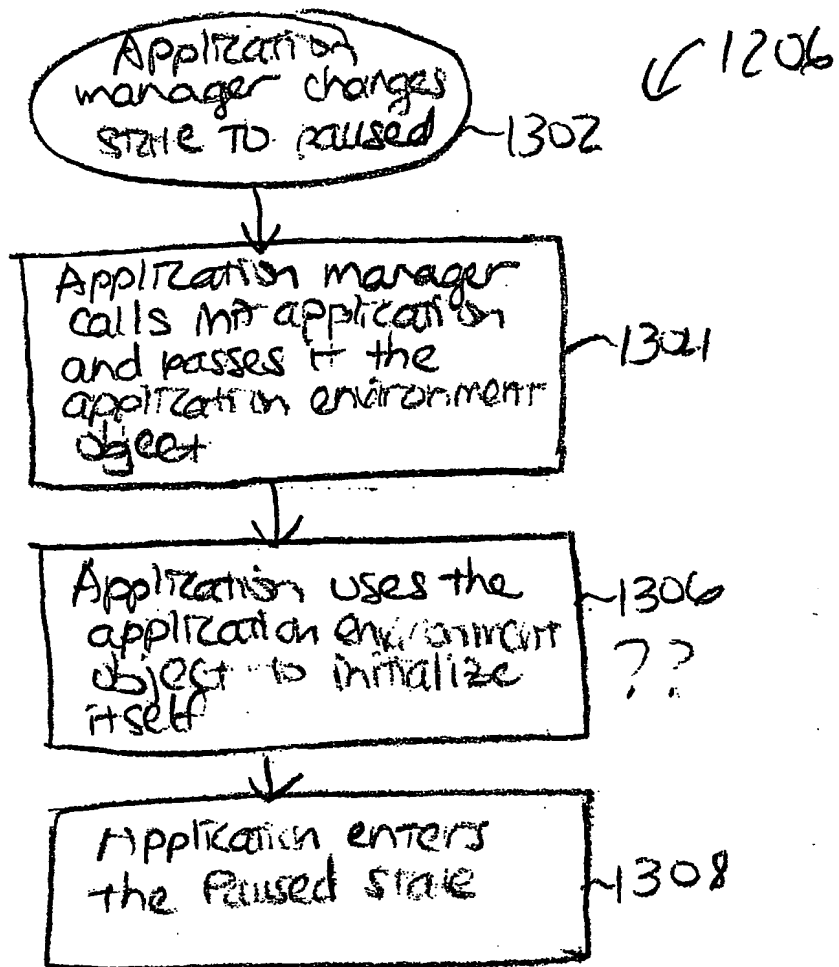


FIG. 13

1208

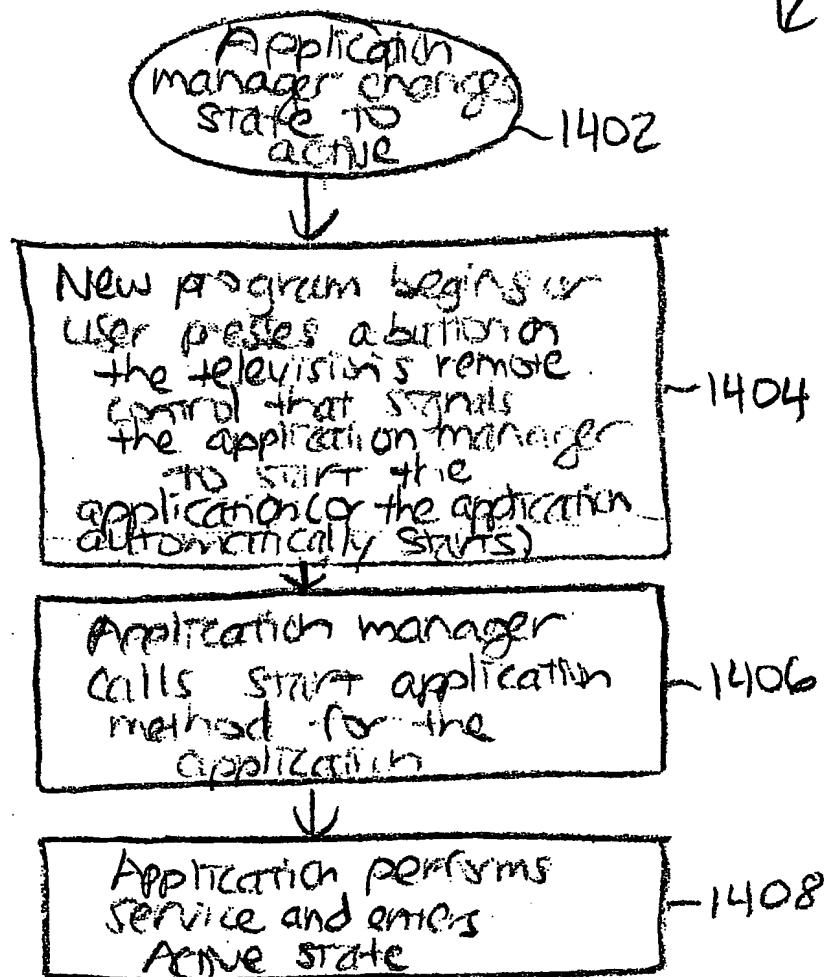


FIG. 14

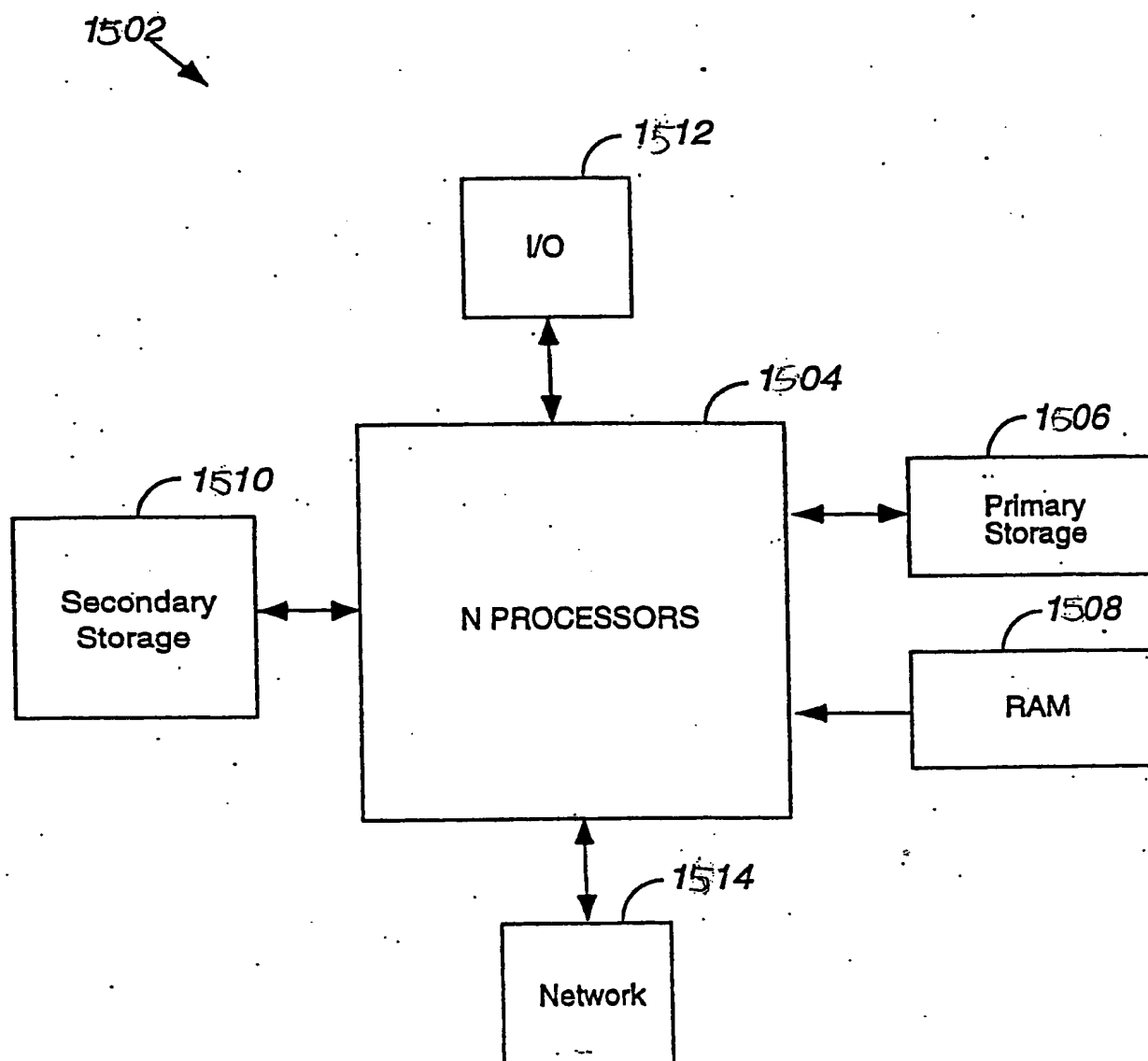


Figure 15